



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, D.C. 20350

IN REPLY REFER TO:
OPNAVINST 1500.48
Op-009C

29 JUL 1981

OPNAV INSTRUCTION 1500.48

From: Chief of Naval Operations

Subj: Procedures, Policy and Responsibilities for Conducting
Cryptologic Training

Ref: (a) OPNAVINST 1500.8J (NOTAL)
(b) OPNAVINST 5000.42A
(c) Department of the Navy Programming Manual (NOTAL)
(d) OPNAVINST 4490.2B (NOTAL)
(e) NAVEDTRA 106(A) (NOTAL)
(f) NAVEDTRA 110 (NOTAL)
(g) MILSTD 1379B
(h) OPNAVINST 1500.2E (NOTAL)
(i) NSA/CSS 40-Series Circulars (NOTAL)
(j) NSA/CSS Circular 80-7 (NOTAL)
(k) OPNAVINST 1500.27C (NOTAL)
(l) OPNAVINST 5450.194
(m) NAVPERS 18068 (NOTAL)
(n) OPNAVINST 1000.16E
(o) OPNAVINST 5450.191

Encl: (1) Department of Defense Directive 5210.70 of 3 Nov 80

1. Purpose. To establish policies, procedures and responsibilities for implementing enclosure (1) within the Department of the Navy. Enclosure (1) delineates and assigns responsibilities for planning, programming and managing cryptologic training within the Department of Defense.

2. Background. This instruction implements enclosure (1) and addresses the Department of the Navy's role in interacting with the other Services and the National Security Agency/Central Security Service (NSA/CSS). In this regard, references (a) through (h) address policies and doctrine for planning, programming and managing training in the Department of the Navy, including cryptologic training. Additional guidance and procedures which address the interactions between the Services and NSA/CSS are contained in a series of circulars issued by NSA/CSS in accordance with enclosure (1). Reference (i) is germane. These circulars are provided to the appropriate Navy and Marine Corps commands involved in planning and managing cryptologic training.

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3. Discussion. Early planning is required to program for and acquire cryptologic manpower and training resources, define skill requirements and establish training programs concurrent with the planning, development, procurement and installation of new tactical cryptologic or signals intelligence (SIGINT) systems. To accomplish this planning, appropriate elements in the Navy fulfill the provisions of reference (a) for initial and follow-on training related to new tactical cryptologic systems and for institutionalized follow-on training related to national SIGINT systems. Either the Navy or NSA/CSS may fulfill the Principal Development Activity (PDA) and Training Support Agent (TSA) responsibilities outlined in reference (a) for initial training related to national SIGINT systems. Reference (i) germane. This instruction references appropriate Navy and NSA directives and amplifies them as necessary in order to clarify the Navy's role under the circumstances described above.

4. Policy

a. The Navy Training Plan (NTP) process outlined in reference (a) will be used to plan all cryptologic training for which the Navy is the PDA. When NSA/CSS is the PDA for a new SIGINT system, the provisions of reference (j) will be followed in planning for initial training and the provisions of reference (a) will apply for follow-on training.

b. In accordance with enclosure (1), NSA/CSS has established a Cryptologic Training Council (CTC). The CTC provides a forum for addressing policy matters affecting cryptologic training within DOD. The Training Director, NSA/CSS heads the CTC and a representative for each of the Services will constitute the council membership. Navy and Marine Corps representatives to the CTC are designated by CNO and CMC, respectively, in coordination with NSA/CSS.

c. All curriculum development, evaluation and validation efforts in the Navy must comply with references (e), (f) and (g). Curriculum development for new and modified tactical cryptologic systems is funded by the Navy and curriculum development for new national SIGINT systems is funded by NSA/CSS. All curriculum must be approved by Chief of Naval Education and Training (CNET) prior to being presented in Navy schools.

d. As indicated in enclosure (1), NSA/CSS is responsible for the technical adequacy of all cryptologic curricula. To

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assist NSA/CSS in fulfilling this role, copies of new cryptologic curricula and changes to existing curriculum developed by the Navy will be forwarded to Headquarters, NSA/CSS as outlined in reference (i).

e. Factory training for new Navy tactical cryptologic systems will be funded by the appropriate resource sponsor in accordance with references (c) and (h). Factory training for Navy personnel who will operate or maintain new national SIGINT systems is supported by NSA/CSS.

f. For certain joint-service, common-skill cryptologic training, the Navy may be requested to act as Executive Agent (EA). Responsibilities and policies associated with the EA concept are defined in reference (k), and supplemented by reference (i). This type of training is closely coordinated with the other Services and NSA/CSS to ensure technical adequacy and the fulfillment of validated requirements.

5. Responsibilities

a. Chief of Naval Operations:

(1) Will be the principal Navy point of contact for interacting with other DOD components regarding cryptologic training matters affecting resources and policy.

(2) Will incorporate guidance from OSD, including inputs from NSA/CSS, for the development of planning, programming and budget documents to support cryptologic training.

(3) Coordinate with NSA/CSS, or delegate this role to COMNAVSECGRU when appropriate, concerning changes to cryptologic training and resource requirements.

(4) Provide annual briefings to NSA/CSS concerning the Navy's programming actions in support of cryptologic training that supports Navy tactical cryptologic and national SIGINT operations.

(5) Plan and program for initial and follow-on training to support new Navy tactical cryptologic systems. Coordinate with NSA/CSS concerning the Navy's responsibilities for supporting follow-on training for new national SIGINT systems.

(6) Delegate Executive Agent responsibilities for joint-service, common-skill cryptologic training, as coordinated with NSA/CSS and other DOD components.

b. Commandant of the Marine Corps will plan, program, and manage cryptologic training for the Marine Corps in accordance with the instructions in references (a), (i), (j), and this instruction.

c. Chief of Naval Material:

(1) Ensure all aspects of new Navy tactical cryptologic training requirements and training related to new national SIGINT systems for which CHNAVMAT is the PDA are executed in accordance with the procedures and policies outlined in references (a) through (d) and (j).

(2) Fulfill the Training Support Agent (TSA) responsibilities as outlined in reference (a) for cryptologic training.

(3) Identify cryptologic factory training requirements in accordance with reference (h) for systems which CHNAVMAT Systems Commands are the PDA and TSA.

(4) Develop curricula in accordance with references (e), (f) and (g) for formal training related to new cryptologic systems, both Navy and national, for which a CHNAVMAT Systems Command is the PDA.

d. Chief of Naval Education and Training:

(1) Fulfill the responsibilities as a Training Agent in accordance with references (a) and (l) for cryptologic training under CNET's authority.

(2) Coordinate with CNO, CHNAVRES, COMNAVSECGRU and CMC, as appropriate, to satisfy Naval and Marine Corps Reserve cryptologic training requirements.

(3) Fulfill the Executive Agent responsibilities for joint service training in accordance with references (i) and (k) when designated as an EA for cryptologic training.

(4) In addition to the standard Navy and Marine Corps distribution, provide summaries of annual cryptologic course reviews to NSA/CSS, and to the other Services when joint training is involved, as outlined in reference (i).

(5) Provide representation on the NSA/CSS CTC, as required.

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(6) Ensure NSA/CSS is provided copies of cryptologic curriculum developed or modified under CNET auspices to assist in assessing its technical adequacy. Reference (i) is germane.

e. Chief of Naval Reserve:

(1) Submit reserve cryptologic training requirements in accordance with reference (c) and established naval reserve policies.

(2) Coordinate, as appropriate, with COMNAVSECGRU, CMC and CNET concerning new requirements and modifications to training for Naval Reserve cryptologic personnel.

f. Commander, Naval Security Group Command:

(1) Serve as the Cryptologic Technician (CT) Rating Technical Advisor as specified in references (m) and (n). In this capacity, COMNAVSECGRU plays a major role in defining cryptologic training requirements based on close coordination with appropriate OPNAV mission/resource sponsors in the case of Navy tactical cryptologic systems and with NSA/CSS for national SIGINT systems. COMNAVSECGRU performs a similar role in relation to cryptologic officers.

(2) In response to requirements of the Fleet Commanders in-Chief, maintain the readiness of cryptologic personnel assigned to NAVSECGRU Cryptologic Shore Support Activities (CSSA) who augment the operating forces.

(3) Act on behalf of the CNO in coordinating with the appropriate PDA/TSA to plan and program resources to support initial training for national SIGINT systems. Either NSA/CSS or a CHNAVMAT Systems Command may be the PDA/TSA.

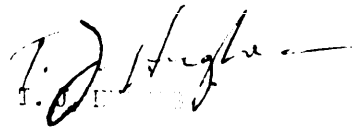
(4) Coordinate with NSA/CSS, the Services, and Navy training commands, as appropriate, to ensure new national SIGINT training requirements or procedural changes affecting existing training are identified and their impact on training is properly accommodated.

(5) Fulfill the responsibilities as a Training Agent in accordance with reference (a) for formal cryptologic training conducted at NAVSECGRU shore installations.

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(6) Serve as the technical manager for the Naval Reserve Security Group Program in accordance with reference (o) and existing CHNAVRES policies.

6. Action. Addressees will take action as necessary to carry-out the policies and responsibilities as set forth in paragraph 4 and 5.



1. J. Hughes
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Department of Defense Directive

ASD(C³I)

SUBJECT: DoD Cryptologic Training

- References:
- (a) National Security Council Intelligence Directive No. 6 (NSCID No. 6)
 - (b) DoD Directive S-5100.20, "The National Security Agency and the Central Security Service," December 23, 1971
 - (c) DoD Directive 5100.47, "National Cryptologic School," April 30, 1965

A. PURPOSE

This Directive establishes uniform policies, standards, and procedures for the conduct of cryptologic training; and assigns responsibilities to ensure that adequate and responsive training within the various components of the Department of Defense is carried out.

B. APPLICABILITY AND SCOPE

1. The provisions of this Directive apply to the Office of the Secretary of Defense (OSD), the Military Departments, the Organization of the Joint Chiefs of Staff, and the Defense Agencies (hereafter called "DoD Components"). As used herein, the term "Services" refers to the Army, Navy, Air Force, and Marine Corps.

2. Its provisions encompass all elements of the Department of Defense engaged in cryptologic and cryptologic-related training that supports operations contained in the Consolidated Cryptologic Program (CCP) or Tactical Cryptologic Program (TCP).

C. DEFINITIONS

1. Cryptologic Training. Institutional training in skills unique to the cryptologic mission.

2. Common Cryptologic Training. Training in identical skills that are essentially similar for personnel of more than one Military Department or for the National Security Agency/Central Security Service (NSA/CSS).

3. Unique Cryptologic Training. Training in cryptologic skills that is either used by only one of the DoD Components engaged in cryptologic operations, or sufficiently dissimilar among the DoD Components as to make consolidated or collocated intercomponent training infeasible.

Enclosure (1)

4. Cryptologic-Related Training. Training that is a prerequisite for, or an adjunct to, cryptologic training and job performance when the subject matter is not in itself cryptologic but is of overriding importance to the conduct of cryptologic operations; the noncryptologic applications of such subjects are excluded.

D. POLICY

The Director, National Security Agency/Chief, Central Security Service (DIRNSA/CHCSS), as principal signals intelligence advisor to the Secretary of Defense and the Joint Chiefs of Staff (NSCID No. 6. (reference (a)) and DoD Directive S-5100.20 (reference (b))), shall ensure the technical adequacy of all cryptologic training.

E. RESPONSIBILITIES

1. The Director, National Security Agency/Chief, Central Security Service, shall:

a. Submit requirements to the OSD for inclusion in the Consolidated Guidance (or Intelligence Annex thereto) for the direction of programing and budgeting for Military Department cryptologic and cryptologic-related training programs, and provide program manager's guidance for cryptologic training.

b. Review Military Department program submissions on cryptologic and cryptologic-related training.

c. Provide technical guidance, minimum standards, and support for all course development and all ongoing cryptologic and cryptologic-related training.

d. Review course documentation to ensure the technical adequacy of cryptologic and cryptologic-related course content.

e. Maintain and operate the National Cryptologic School (NCS) in accordance with DoD Directive 5100.47 (reference (c)).

f. Coordinate, with the Military Departments, proposed changes to training requirements, resources, and courses as initiated by NSA/CSS, to include training development for new systems and the procurement of technical training equipment.

g. Establish, in coordination with the Military Departments, policy, missions, objectives, standards, curricula, and types and sources of training used to satisfy requirements.

h. In cooperation with the Military Departments, provide for the periodic review and analysis of all common and unique cryptologic training courses to determine the potential for interservice or intercomponent consolidation and/or collocation. When such action is determined to maintain or enhance the effectiveness of training and to be economical, arrange for the consolidations and/or collocations or, as appropriate, make recommendations to the Secretary of Defense for decisions on specific courses of action.

i. Establish, in coordination with the Military Departments, an evaluation and information feedback system that incorporates Military Service evaluation methods.

j. Establish a Cryptologic Training Council to provide a forum wherein policy matters, training issues, and other related topics may be addressed. The Council shall be chaired by the Training Director, NSA/CSS (TDNC), and be composed of representatives from each Military Department and the NSA/CSS.

k. Prescribe administrative procedures for compliance with appropriate security directives pertaining to special clearance requirements for all NSA/CSS personnel involved with cryptologic training and curriculum development.

2. The Training Director, National Security Agency/Central Security Service shall serve as the principal executive for DIRNSA/CHCSS in matters related to cryptologic training.

3. The Secretaries of the Military Departments shall:

a. Incorporate guidance from OSD and the NSA/CSS in the development of cryptologic training, planning, programing, and budgeting documents.

b. Coordinate, with NSA/CSS, deviations and proposed changes to training requirements, resources, and courses initiated by the Military Departments, to include training development for new systems and the procurement of technical training equipment that affect the capability to execute training programs.

c. Assemble and maintain, for all DoD Components, a current record of all DoD common and unique training requirements and programs under their cognizance.

d. Establish, maintain, and operate cryptologic training schools that provide training for DoD Components agreed upon among the Military Departments and the DIRNSA/CHCSS.

e. Provide cryptologic instructional material for reserve components, correspondence students, and proficiency training for all military personnel.

f. Provide facilities for the use of DoD Components for training that can be effectively and efficiently conducted on a collocated basis.

g. Coordinate actions with NSA/CSS and maintain liaison with other DoD Components and appropriate government departments and agencies on matters that affect the conduct and development of assigned cryptologic training programs.

h. Prescribe administrative procedures for compliance with appropriate security directives pertaining to special clearance requirements for all personnel of their respective Military Departments involved with cryptologic training and curriculum development.

F. PROCEDURES

1. Personnel shall be assigned to the staffs and faculties of the cryptologic training schools by their respective Military Services.

2. Manpower authorizations for joint Service staffs and faculties shall be prorated among the Military Departments, based upon participation in terms of student weeks.

3. The Military Departments and NSA/CSS shall program and budget for all expenses incidental to the operation, maintenance, and base-operating support of their respective cryptologic training schools.

4. The pay, allowances, and permanent change of station travel and per diem costs of Military Department personnel assigned as faculty or staff of the cryptologic training schools shall be borne by the sponsoring DoD Component.

5. NCS administrative financial functions shall be conducted in accordance with DoD Directive 5100.47 (reference (c)).

6. The regulatory controls for cryptologic training shall be defined in a series of NSA/CSS circulars that shall be initiated by DIRNSA/CHCSS and coordinated with the Military Departments.

G. EFFECTIVE DATE AND IMPLEMENTATION

This Directive is effective immediately. Forward two copies of implementing documents to the Assistant Secretary of Defense (Command, Communications, Control and Intelligence) within 120 days.



W. Graham Claytor, Jr.
Deputy Secretary of Defense